

Simplifying Quadratic Expressions (G)

Simplify each expression by combining like terms.

1. $-9v - 3v + 8 + 3v^2 + 3 + 9v + 9v + 7v^2 - 3v^2$

2. $1 + 3k^2 + 4k + 4k - 8 - 1 - 5k^2 + 5k^2 - 5$

3. $-1 + 2z - 9 + 6z^2 + 5z^2 - 4z^2 + 4z - 2z - 4z^2$

4. $-7j^2 - 4 + 5j^2 - 8j^2 - j^2 + 8j^2 - 7j - 3j - 7$

5. $s^2 + 3 - 5s + 5s - 3s^2 - 9 - 4s - 3 + 9s^2$

6. $7 - 7 - 6n - 7n^2 - 2n^2 + 3 - 3n^2 - 2 + 5n$

7. $6x - 2 + 4x^2 + 4x^2 + 4 - 6x^2 - 4x^2 - 8x^2 + 3x^2$

8. $6h^2 + 8h^2 + 9 - 7h - 8 + 8 + 3h^2 + 5 - 6h^2$

9. $9 + 4x^2 - 5 + 7 + 7 - 3x^2 + 5 + 6x^2 + 2$

10. $-9t^2 - 2t^2 + 4t - 8t^2 + 7 + 3 + 6t - 5t + 8t$